Atwood
Atwood Mobile Products
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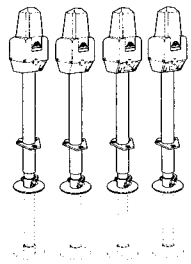


MPD 87083

POWER JACK

LIGHTWEIGHT, STANDARD, DELUXE & HEAVY DUTY

ENGLISH, FRANCAIS (et Canada)

•Installation •Operation •Maintenance

Effective 4/12/00

SAFETY INFORMATION

⚠ CAUTION

This is a safety alert symbol. It is used to alert you to potential personal safety hazards and property damage. Obey all safety messages that follow this symbol to avoid possible injury and/or property damage.

FOR YOUR SAFETY
READ ALL INSTRUCTIONS BEFORE OPERATING JACK

Installer: Provide these instructions to the consumer.
Consumer: Keep documents for future reference.

The Atwood Power Jack is a 12-volt motor driven screw jack intended for use on recreational type trailers. Patent # 349800.

⚠ CAUTION
PERSONAL INJURY/PROPERTY DAMAGE

- Retract jack fully before towing.
- Do not use blocks to increase height of jack.

	LIGHT WT.	STANDARD	DELUXE	HEAVY DUTY
Max. Lifting Cap. (lbs)	1500	2500	2500	3500
Voltage (volts DC)	12	12	12	12
Fuse (AMP)	30	30	30	30
Max. Frame Hght. (inches)	6	6	6	6

INSTALLATION

1. Block wheels of trailer and securely support trailer tongue.
2. The Atwood Power Jack is designed to attach to the top surface of an A-frame type tongue having mounting holes typical of the Atwood A-frame couplers, see ①. Use coupler installation instructions (MPD 87984) if installing coupler.
3. A lower support plate must be used for side support of the jack on the lower surface of the A-frame, see ①.

HOLE DIAMETERS: Light Weight 2.02″ (MIN) 2.09″ (MAX)
Standard / Deluxe / Heavy Duty 2.20″ 2.28″

Hole in lower support plate must align with hole in coupler.

TO ORDER LOWER SUPPORT PLATE: Light Weight - Atwood MPD 80263
Standard / Deluxe / Heavy Duty - Atwood MPD 80570

Using 1/8″ fillet weld, No. E6011 AWS welding rod 1/8″ diameter, machine amps (AC or DCRP) at 160-180 with 50 volts, weld plate full length on each side to underside of A-frame.

4. Place jack through holes in coupler and lower support plate, see ①-A. Attach with three (3) bolts (3/8″ dia. x 5/8″ long, grade 5, (provided) see ①-B. Torque bolts to 15 foot lbs. minimum /20 foot lbs. max.

Note: The Atwood power jack requires good electrical contact with the trailer. All surfaces where power jack flange contact coupler mounting surface must be clean. For wiring, see **WIRING ILLUSTRATIONS** ②/③.

5. Route wire lead from motor along A-frame to battery. Secure lead to jack housing and trailer frame using cable ties or equivalent.
6. Remove fuse from fuse holder. Connect the wire lead from the jack directly to the positive (+) terminal of the battery. Replace the fuse into the fuse holder (see ②).

   For auxiliary battery, connect lead to auxiliary battery positive (+) terminal so that jack may be used when connected to 115v. For additional wire, use #10 stranded copper wire or larger.
7. After reinstalling fuse, check installation by pressing switch marked "EXT" for jack extension or "RET" to retract the jack.
8. On the Deluxe Power Jack or Heavy Duty, check utility light by moving switch to "ON" or "OFF".

⚠ CAUTION
HAND OR FINGER INJURY

- Hold foot pad near the bottom of the tube, when installing foot pad.

9. Place foot pad over the end of jack, align holes, and place pin through holes. A cotter pin clip goes through the hole in the pin, preventing pin from coming out.

OPERATION

1. To raise or lower jack, press switch marked "EXT" or "RET". "Extend" and "Retract" refer to the jack, not the trailer. Jack is used to level trailer or raise and lower coupler for hookup to tow vehicle.
2. Release switch when jack nears full retraction or full extension to prevent unnecessary wear on motor clutch.
   a. When jack reaches its maximum extended or retracted length or maximum load, a clicking noise will be heard. This is the overriding clutch built into the motor to prevent over-extension, over-retraction, or overload. Release switch immediately when clicking is heard.
   b. When the heavy duty power jack is being retracted, there may be some audible noise, coming from the brake area. This is normal and is due to the high load for which this jack is rated.
3. **In case of electrical failure-** raise or lower jack as follows:

   Standard & Lightweight Power Jacks
   a. Remove top cover by loosening the four screws.
   b. Remove screws holding motor to mounting plate.
   c. Lift motor off jack.
   d. Turn hex drive nut with wrench or optional manual drive handle, part # 87891 (see ①-C).
   e. To reinstall electric motor on jack, rotate hex drive nut so the pin in the hex drive nut aligns with slot in motor drive shaft.
   f. Tighten hex nut to 25 inch lbs. torque.
   g. Reinstall motor and fasten with screws.
   h. Reinstall top cover and fasten with screws.

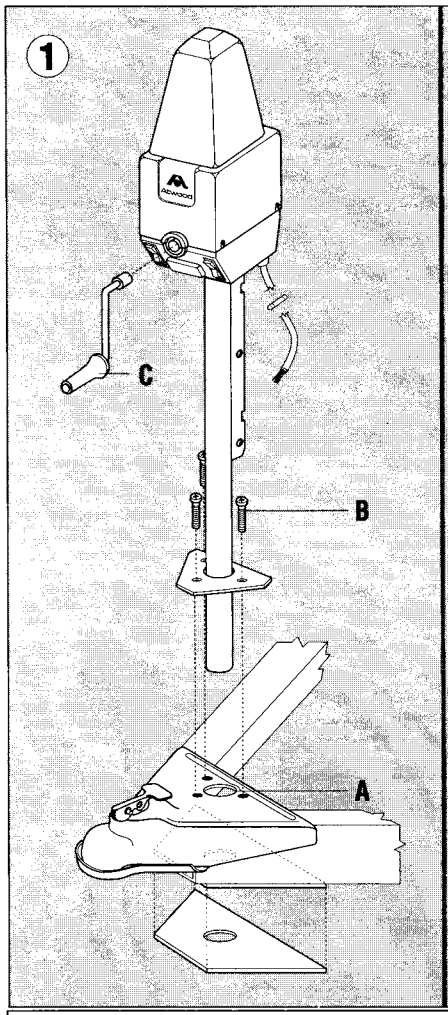
   Deluxe Jacks
   Place manual override handle (see ①-C) into alignment tube and engage drive pin. Rotate handle clockwise to raise or counter-clockwise to lower the camper.

   Heavy Duty Power Jacks
   Place manual override handle (see ①-C) into alignment tube and engage drive pin. Rotate handle counterclockwise to raise or clockwise to lower the camper.

MAINTENANCE

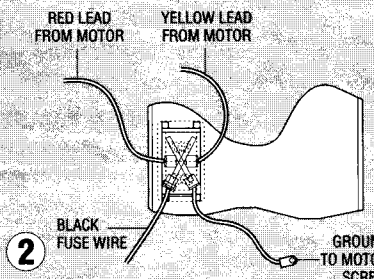
1. Before each use, inspect jack tubes and replace if bent or damaged.
2. If wiring is connected to battery terminal, inspect at least twice each year for corrosion. Clean with a solution of baking soda and water, then apply a thin coat of grease.
3. Once each year, extend jack as far as possible and clean inner ram tube. Coat tube with light coat of silicon spray lubricant.

The Electric Drive Motor Landing Leg system is protected by a 30 amp fuse. If replacement is necessary, replace only with a Buss Type AGC-30 fuse or equivalent, available in automotive supply stores.

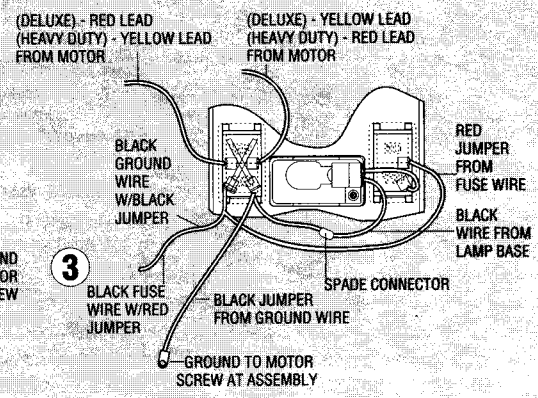


POWER JACK WIRING ILLUSTRATIONS

Lightweight & Standard

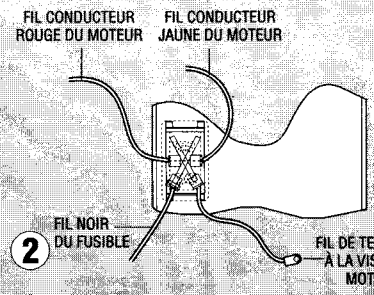


Deluxe & Heavy Duty

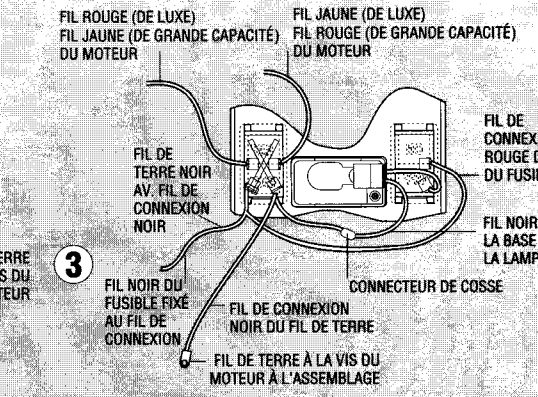

(DELUXE) - RED LEAD
(HEAVY DUTY) - YELLOW LEAD FROM MOTOR
(DELUXE) - YELLOW LEAD
(HEAVY DUTY) - RED LEAD FROM MOTOR
BLACK GROUND WIRE W/BLACK JUMPER
RED JUMPER FROM FUSE WIRE
BLACK WIRE FROM LAMP BASE
3
BLACK FUSE WIRE W/RED JUMPER
BLACK JUMPER FROM GROUND WIRE
SPADE CONNECTOR
GROUND TO MOTOR SCREW AT ASSEMBLY

CRIC ÉLECTRIQUE SCHÉMAS DE CABLAGE

Cric Électrique Standard



Cric Électrique De Luxe et Haute Capacité


FIL ROUGE (DE LUXE)
FIL JAUNE (DE GRANDE CAPACITÉ) DU MOTEUR
FIL JAUNE (DE LUXE)
FIL ROUGE (DE GRANDE CAPACITÉ) DU MOTEUR
FIL DE CONNEXION ROUGE DU FIL DU FUSIBLE
FIL DE TERRE NOIR AV. FIL DE CONNEXION NOIR
FIL NOIR DE LA BASE DE LA LAMPE
3
FIL NOIR DU FUSIBLE FIXÉ AU FIL DE CONNEXION
CONNECTEUR DE COSSE
FIL DE CONNEXION NOIR DU FIL DE TERRE
FIL DE TERRE À LA VIS DU MOTEUR À L'ASSEMBLAGE

ATWOOD POWER JACK LIMITED WARRANTY

Atwood Mobile Products warrants to the original consumer purchaser this product will be free of defects in material and workmanship for a period of two years from the date of purchase. Atwood's liability hereunder is limited to the replacement of product, repair of product or replacement of product with a reconditioned product, at the discretion of the manufacturer. The warranty is void if the product has been damaged by accident, unreasonable use, neglect, tampering or other causes not arising from defects in material workmanship. The warranty extends to the original consumer purchaser of the product only, and is subject to the following conditions:

1. For two (2) years commencing with the date of purchase, Atwood will provide the replacement or repair of any Hardware System and Components that are found to be defective by Atwood in material or workmanship.
2. In the event of a warranty claim, the Original Purchaser must contact the Atwood Consumer Service Department, 4750 Hiawatha Drive, Rockford, Illinois 61103-1298, telephone: 815-877-5700, fax: 815-877-7469. Warranty claim service must be performed as approved by the Atwood Consumer Service Department. Warranty replacement hardware systems and components or parts will be furnished freight prepaid, labor cost to repair or replace will be limited to the amount of the original purchase price of the systems and components. The replaced warranty products or parts become the property of Atwood Mobile Products and must be returned to the Atwood Consumer Service Department freight prepaid, unless prior arrangements have been agreed to.
3. This limited warranty is valid only when the product is applied, installed, maintained and operated in accordance with this Atwood Installation, Maintenance and Operating Manual. Any deviation from these recommended specifications must be approved in writing by Atwood.
4. Any implied warranties are limited to the duration of this limited warranty as stated above. Atwood does not assume responsibility for consequential damage or loss, including loss of use of vehicle, loss of time, inconvenience, expense for gasoline, telephone, travel, lodging, loss or damage to personal properties, or loss of revenues. Some states do not allow limitations on how long an implied warranty lasts or limitations on consequential damages, so the above limitations may not apply to you. This limited warranty gives you specific legal rights which may vary from state to state.

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CRIC ÉLECTRIQUE ATWOOD - GARANTIE LIMITÉE

Atwood Mobile Products garantit ce produit à l'acheteur initial contre tout défaut de matériel ou de fabrication pendant une période de deux ans à partir de la date d'achat. La responsabilité d'Atwood sous cette garantie est limitée au remplacement du produit, à la réparation ou au remplacement du produit par un produit remis à neuf, à la discrétion du fabricant. La garantie est nulle si le produit a été endommagé par accident ou suite à une utilisation abusive, une négligence, une altération ou toute autre cause dont n'est à l'origine ni un défaut matériel, ni un défaut de fabrication. Seul l'acheteur initial bénéficie de la garantie, qui est valable sous réserve des conditions suivantes:

1. Durant deux (2) an à compter de la date d'achat, Atwood remplacera ou réparera tout système ou composant dont le matériel ou la fabrication a été jugé défectueux par Atwood.
2. Pour tout recours en garantie, l'acheteur initial doit communiquer avec le service à la clientèle d'Atwood, 4750 Hiawatha Drive, Rockford Il 61103-1298, aux numéros suivants : tél. (815) 877-5700 ou fax (815) 877-7469. Le service en période de garantie doit être effectué sur approbation du service à la clientèle d'Atwood. Les systèmes et composants et les pièces remplacés sur garantie seront fournis payé d'avance, le coût de la main-d'oeuvre pour la réparation ou le remplacement étant limité au prix d'achat initial des systèmes ou des composantes. Les produits ou pièces remplacés durant la période de garantie deviennent la propriété de Atwood Mobile Products et doivent être retournés au service à la clientèle d'Atwood, port payé d'avance, sauf entente mutuelle préliminaire.
3. Cette garantie n'est valide que lorsque le produit est utilisé, installé, entretenu et opéré conformément au présent manuel d'installation, d'entretien et de fonctionnement de Atwood. Toute déviation de ces conseils doit être approuvée à l'écrit pas Atwood.
4. Toute garantie implicite est limitée à la durée de la garantie limitée spécifiée ci-dessus. Atwood ne sera en aucun cas tenu responsable des dommages indirects ou des pertes encourues, y compris la perte de l'utilisation du véhicule, perte de temps, les préjudices secondaires, les frais d'essence, de téléphone, de déplacement, de logement, la perte ou les dommages d'effets personnels ou la perte de revenus. Certaines régions ne permettent pas les limitations de la validité de la garantie implicite ni les limitations des dommages secondaires; il est donc possible que ces restrictions ne s'appliquent pas à vous. Cette garantie limitée donne à l'acheteur des droits spécifiques qui peuvent varier d'une région à l'autre.

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